

ABSTRACT

The present invention relates to a rotating asynchronous converter and a generator device. The
5 converter comprises a first stator connected to a first AC network with a first frequency f_1 , and a second stator connected to a second AC network with a second frequency f_2 . The converter also comprises a rotor means which rotates in dependence of the first and second frequencies
10 f_1 , f_2 . The stators each comprises at least one winding, wherein each winding comprises at least one current-carrying conductor, and each winding comprises an insulation system, which comprises on the one hand at least two semiconducting layers, wherein each layer
15 constitutes substantially an equipotential surface, and on the other hand between them is arranged a solid insulation.

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